

REMARKS

Claims 1-90 remain in the application. Claims 1-90 were rejected. Claims 1, 2, 22, 37, 51, 75 are amended.

Applicant believes the amendments don't add new matter. Support for the claim amendments is at least found with respect to the claims as originally filed, FIG. 7 and the description associated with FIG. 7.

Rejections under 35 U.S.C. § 103

Claims 1-90 are rejected under 35 U.S.C. 103(a) as being patentable over Blank (U.S. Patent No. 5, 469,536) in view of Marks et al (5,755,621). The rejection is respectfully traversed.

As described in specification on page 37 of the present application, typically, 3-D graphical rendering hardware/software does not provide utilities for generating text, such as a word processor and commercial word processors are not compatible with 3-D graphical rendering systems. All text in the 3-D gaming environment is generated in the context of defining 3-D objects, operating on the vertices of these objects through various transformations and applying textures to the objects that are enabled by the 3-D graphical rendering system. The 3-D graphical rendering hardware/software may process all of polygons and their associated textures in a similar manner that is independent of whether the polygons and textures are used to display text or not. The 3-D graphical rendering system is not concerned as to whether rendered text is readable or not. It is up to the user to supply methods, such as 3-D typesetting rules, that are compatible with a particular 3-D graphical rendering system and that produce readable text.

Present claims are amended to further describe the generation of a 3-D text object, as recited with respect to claim 1 for example, as follows.

During at least the game of chance, generating a 3-D text object comprising;

- a) determining a text string comprising a plurality of characters;*
- b) determining a text page surface for guiding a placement of the plurality of characters in a 3-D gaming environment wherein the text page surface is defined by a first plurality of vertices in a 3-D coordinate system associated with the 3-D gaming environment and wherein the first plurality of vertices are for specifying one or more first polygons;*

c) generating a second plurality of vertices defined in the 3-D coordinate system for rendering a first character in the text string wherein at least one of the second plurality of vertices is mapped to the text page surface and wherein the second plurality of vertices are for specifying one or more second polygons;


d) generating a third plurality of vertices in the 3-D coordinate system for rendering a second character in the text string wherein at least one of the third plurality of vertices is mapped to the text page surface and wherein the third plurality of vertices are for specifying one or more third polygons and wherein coordinates of the third plurality of vertices are determined relative to coordinates of the second plurality of vertices using one or more typesetting rules;

Blank teaches extracting a face from a first digitized photo image and inserting the face into another pre-generated second digitized image. The pixels of the second digitized photo image may be manipulated to add text to the second digitized image or change other features such as the back ground color or objects in the background of the second digitized image (Abstract, Col. 35, lines. 38-46). Marks describes a poker game.

Blank or Marks, alone or in combination, doesn't describe a 3-D graphical rendering system where polygons are specified and rendering text using such a system. Further, as described with respect to claim 51, Blank or Marks, alone or in combination, don't describe the use of textures and a texture coordinate system as well as a 3-D coordinate system in a 3-D graphical rendering system. Therefore, for at least reasons, the combination of Blank and Marks can't be said to render obvious the claims 1-90 and the rejection is believes the rejection has been overcome thereby.

Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner. Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,
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